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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/934,945	08/22/2001	Nga T. Dang	7842.01	8877
26890	7590	06/08/2004	EXAMINER	
JAMES M. STOVER NCR CORPORATION 1700 SOUTH PATTERSON BLVD, WHQ4 DAYTON, OH 45479			HUYNH, BA	
			ART UNIT	PAPER NUMBER
			2173	7

DATE MAILED: 06/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/934,945

Applicant(s)

DANG, NGA T.

Examiner

Ba Huynh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 12-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 12-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

BA HUYNH
PRIMARY EXAMINER

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 12-35 are rejected under 35 U.S.C. 103(a) as being unpatentable over US patent #6,401,134 (Razavi et al), in view of US patent #6,412,021 (Nguyen).

- As for claims 12, 20, 28: Razavi et al teach a computer implemented method and corresponding system for displaying multiple windows, comprising:
a browser application on a computer executing a detachable applet, the detachable applet displaying a first window outside of the browser application window constraints using a class, wherein the class comprises elements that make a window display by the applet look like an executing application (see the abstract; 4:20-41).
Razavi fails to clearly teach displaying a second window outside the browser window simultaneously with the first window, however suggested that the method can be applied to any existing applet to modify the applet into a detachable one (4:18-20).
Implementation of multiple applets simultaneously running in a browser application is well known as is disclosed by Nguyen (see also US patent 6,175,877, the abstract; US patent 5,861,883, 4:37-53; and US patent 6,177,936, the abstract). Thus it would have been obvious to one of skill in the art, at the time the invention was made, to

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combine the Nguyen's implementation of multiple simultaneously running applet, or modify existing multiple simultaneously running applets, to implement multiple detachable applets for displaying applet windows outside of the browser window.

Motivation of the combining is expressly suggested by Razavi as set forth above.

- As for claims 13, 21, 29: The applet window class is a Frame class (5:1-40).
- As for claims 14, 22, 30: The class elements provide for window display attributes to provide a look and feel of the window (6:3-20; 7:41-42). Window title bar and the ability to modify cursor to various states are inherently included in Razavi et al.
- As for claims 15, 16, 23, 24, 31, 32: It is inherently included that a list of displayed windows is maintained. Razavi fails to teach halting execution of the applet when the browser switches to a new web site. However, since the applet belong to the web site, it would have been obvious to halt the execution of the applet when the user switches to a new web site.
- As for claims 17, 25, 33: The applet window continues to open after the user switches to a new web site (7:45-45). All windows are closed responsive to an exit (CLOSE) command (7:50-55).
- As for claims 18, 26, 27, 34, 35: Razavi fails to clearly teach that the first window is used to monitor a status of a resource and the second window is used to respond to an event occurring with the monitored resource. However, since the Razavi disclosure is capable for implementing or modifying any type of applet application, of the recited intended field of use would have been obvious in light of the Razavi.

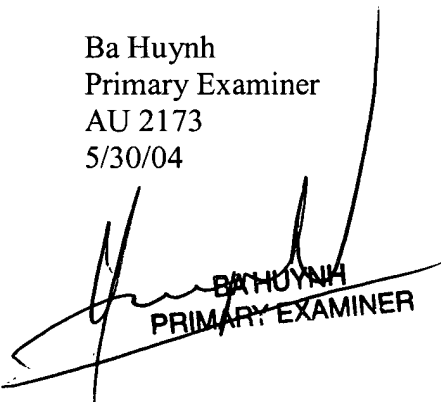
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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ba Huynh whose telephone number is (703) 305-9794. The examiner can normally be reached on Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (703) 308-3116. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ba Huynh
Primary Examiner
AU 2173
5/30/04


BA HUYNH
PRIMARY EXAMINER